Electronic Acknowledgement Receipt					
EFS ID:	5975814				
Application Number:	10078949				
International Application Number:					
Confirmation Number:	8454				
Title of Invention:	OLIGORIBONUCLEOTIDES AND RIBONUCLEASES FOR CLEAVING RNA				
First Named Inventor/Applicant Name:	Stanley T. Crooke				
Customer Number:	32650				
Filer:	Jane E. Inglese/Stephanie Yakubov				
Filer Authorized By:	Jane E. Inglese				
Attorney Docket Number:	ISIS-5027				
Receipt Date:	28-AUG-2009				
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Time Stamp:	16:03:26				
Application Type:	Utility under 35 USC 111(a)				
Payment information:	•				

# Payment information Submitted with Payment

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	ledgement Receipt evidences receip d by the applicant, and including pa				

Post Card, as described in MPEP 503.

#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.